Denise Chau

I am a UX Designer & Researcher who dabbles in Front-End Development

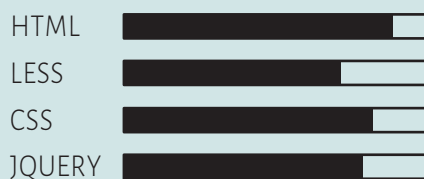## CONTACT

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LANGUAGES

HTML
LESS
CSS
JQUERY

EXPERTISE

Usability Testing

A/B Testing

Contextual Inquiry

Interviewing

Surveying

Responsive Design

Wireframing & Prototyping

EDUCATION

University of California, San Diego

September 2010 - June 2014

B.S. Cognitive Science with Emphasis in HCI

Semester Abroad: University of Glasgow

WORK EXPERIENCE

USER EXPERIENCE ARCHITECT at INNOVASYSTEMS INTERNATIONAL

August 2014 - November 2016

- Created interactive, high fidelity prototypes with HTML, LESS/CSS, and JQuery to communicate implementation expectations to developers and for evaluation during usability studies
- Devised and conducted usability tests, A/B tests, tree tests, card sorts, and contextual inquiries with diverse groups of end users in Marine Corps aviation operations (e.g. pilots, schedule writers, maintenance engineers)
- Analyzed and reported on formative and summative research findings to internal stakeholders and proposed design revisions as needed
- Established and maintained a pattern library to promote usability by ensuring that collections of UI components followed consistent behavior models
- Constructed a style guide to keep UI component styles and branding assets consistent across the application and in any other project touch point
- Created wireframes and UI flow models in a collaborative effort with Solutions Architect and Lead Developer to align design with implementation plans and help mitigate technical constraints early on

RESEARCH ASSISTANT at KUTAS COGNITIVE ELECTROPHYSIOLOGY LAB

January 2013 - June 2013, January 2014 - June 2014

- Collaborated with lead researcher to create designs for a UI to control stimulus presentation settings, facilitate data collection, and manage subject records
- Conducted long-term, multi-visit research experiments with participants to investigate comprehension of spoken language in noisy environments and effectiveness of multisensory training
- Guided participants through all phases of the experiment, including an introduction, speech-language-hearing evaluations, multi-session training, and a concluding meeting
- Participated in all-hands experimental design critiques

RELEVANT COURSEWORK

PRACTICUM IN PROFESSIONAL WEB DESIGN

- Collaborated with business owners to design website for their local microbrewery

COGNITIVE DESIGN STUDIO

- Collaborated with a group of students to develop a research and design project on interactive maps designed to support wayfinding around UCSD

COGNITIVE ETHNOGRAPHY

- Observed, documented, and analyzed cognitive significance of everyday, real-world activities